SUPEROPTIMIZATION WEBASSEMBLY BYTECODE

OF

Javier Cabrera-Arteaga, Shrinish Donde, Jian Gu, Orestis Floros, Lucas Satabin, Benoit Baudry, Martin Monperrus

Conference Companion of the 4th International Conference on Art, Science, and

Engineering of Programming (Programming 2021), MoreVMs

https://doi.org/10.1145/3397537.3397567

CROW: CODE DIVERSIFICATION FOR WEBASSEMBLY

Javier Cabrera-Arteaga, Orestis Floros, Oscar Vera-Pérez, Benoit Baudry, Martin Monperrus

Network and Distributed System Security Symposium (NDSS 2021), MADWeb

https://doi.org/10.14722/madweb.2021.23004

MULTI-VARIANT EXECUTION AT THE EDGE

Javier Cabrera-Arteaga, Pierre Laperdrix, Martin Monperrus, Benoit Baudry Conference on Computer and Communications Security (CCS 2022), Moving Target Defense (MTD)

https://dl.acm.org/doi/abs/10.1145/3560828.3564007

WEBASSEMBLY DIVERSIFICATION FOR MALWARE EVASION

Javier Cabrera-Arteaga, Tim Toady, Martin Monperrus, Benoit Baudry Computers & Security, Volume 131, 2023

https://www.sciencedirect.com/science/article/pii/S01674048230 02067

WASM-MUTATE: FAST AND EFFECTIVE BINARY DIVERSIFICATION FOR WEBASSEMBLY

Javier Cabrera-Arteaga, Nick Fitzgerald, Martin Monperrus, Benoit Baudry Under revision

SCALABLE COMPARISON OF JAVASCRIPT V8 BYTECODE TRACES

Javier Cabrera-Arteaga, Martin Monperrus, Benoit Baudry 11th ACM SIGPLAN International Workshop on Virtual Machines and Intermediate Languages (SPLASH 2019)

https://doi.org/10.1145/3358504.3361228